

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1 | 317 | (nanocomposite nanoparticle nanopowder nanosize nanofiber quantum adj dot (ultrafine sub\$2micron micron) near5 (powder particle)) and ((coating coated doped) near5 (shell layer) and alternat\$4 near5 layer (core and shell and multilayer)) and (doped doping coated coating) with (conductive and (semiconductor\$4 semi\$2conduct\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 15:53 |
| L2 | 4 | L1 and (electride alkalide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide) with (crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine)) (titanium copper) near2 (acetylacetonate \$2diketonate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 15:55 |
| L3 | 1062 | (electride alkalide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide) with (crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine)) (titanium copper) near2 (acetylacetonate \$2diketonate)) and (carbon adj black graphite nanotube SWNT MWNT VGCF diamond organometallic metallo\$2organic monomer polymer adj precursor polyaniline latex polyphenylene adj vinylene paraphenylene adj2 vinylene PEDT PEDOT PANI \$5thiophene \$5pyrrole polyacene PPV MH\$2PPV polyamic adj acid polyacetylene phthalocyanine naphthalocyanine (cu ag au copper Fe iron silver gold aluminum ATO AZO oxide) near5 (sol colloidal particle powder flake)) and (colloidal dispersion film coating nano\$2composite nanocomposite) and (particle grain) near2 (size diameter micron sub\$2micron nanometer nm ultrafine nanoparticle ang angstrom colloidal sol) | US-PGPUB; USPAT | OR | ON | 2006/11/21 15:56 |
| L4 | 715 | L3 and (doped doping dopant dispersant surface adj acitve adj agent surfactant benzotriazole tolytriazole corrosion complexing adj agent nucleating adj agent) | US-PGPUB; USPAT | OR | ON | 2006/11/21 15:58 |
| L5 | 70 | L3 and (coated coating doped) near5 (multiple layer multilayer) and alternat\$4 near5 (coat coating layer) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 15:59 |
| L6 | 49 | L4 and L5 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 15:59 |
| L7 | 56 | (L4 L5) and (252/67,70-71,73-74,301.16,301.17,387,388,390,391,394,395,500,502,503,506,519.3,572.ccls. 165/104.11, 104.15,104.16,104.19,10.ccls. 428/357,403,404.ccls. 524/174, 81.ccls. 427/212,220,217,218,229.ccls. 204/290.04,290.06.ccls. 106/14.05,14.21,14.23.ccls. 136/205,206,243,263,201.ccls. 310/306.ccls. 322/2R.ccls. 257/21,10,202,E33.001.ccls. 438/317.ccls. 977/712,773,774,932.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 16:03 |
| L8 | 2 | L7 and (electride alkalide ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide) with (crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine)) (titanium copper) near2 (acetylacetonate \$2diketonate ammonium)) same (particle grain) near5 (size diameter nanoparticle nm micron ultrafine) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 16:05 |
| L9 | 10 | (electride alkalide) and (composite nanocomposite (micron submicron ultrafine conductive) adj (particle powder additive)) | USOCR | OR | ON | 2006/11/21 16:05 |
| L10 | 6 | ((Cu Copper) adj2 (ammonia ammonium) adj2 complex) with polymer | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 16:06 |
| L11 | 0 | L10 and (('TiO.sub.2" titania titanium adj dioxide titanium) near2 (acetylacetonate \$2diketonate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/21 16:06 |

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| L12 | 15 | (electride alkali ('Cs' 'K' 'Li' cesium potassium lithium alkaline adj earth rare adj earth lanthanum lanthanide) with (crown adj ether azo\$2crown adj ether cryptand (cyclic bicyclic) near2 (polyether polyamine))) and (conductive adj medium polymer near2 (conjugated conductive) polyaniline PEDT PEDOT PANI \$5thiophene \$5pyrrole polyacene polyparaphenylene\$2vinylene PPV MH\$2PPV polyamic adj acid polyacetylene phthalocyanine naphthalocyanine titanium near2 (\$2diketonate acetylacetonate)) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/21 16:07 |
| L13 | 0 | (electride alkali).dm. and (composite nanocomposite).dm. and (particle size micron nm nanometer).dm. | US-PGPUB; USPAT | OR | ON | 2006/11/21 16:08 |
| L14 | 19 | michael near2 gurin.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/21 16:08 |